

Solution Sample paper- 10

Q.1	(iii) Pea Cock # Blank Space not allowed	
Q.2	(i) if keyword (ii) roll_no identifier / variable	
Q.3	vemyCou	
Q.4	300 # 100 300 # 200 240 # 200	
Q.5	b) Move file pointer five character ahead from the beginning of a file	
Q.6	b) writelines(list)	
Q.7	d) Ture Ture	
Q.8	c) Error # dictionaries are un-ordered type, so can't compare the dictionary.	
Q.9	a) dict.keys()	
Q.10	a) Create an instance of a cursor	
Q.11	a) Super Key b) Candidate Key c) Primary Key d) All of the above Answer: d) All of the above	
Q.12	b) Flase	
Q.13	d) DISTINCT	
Q.14	c) IS	
Q.15	b) ghagwal	
Q.16	d) SMTP	
Q.17	a) Both A and R are true and R is the correct explanation for A	
Q.18	c) A is True but R is False	
Q.19	<pre> x=int(input("Enter a number ")) # int() missing, and wrong variable 5x if(abs(x)==x): # should == operator for comparison print ("You Entered a positive number..") else: # else: should in lower case letters x=x*(-1) print("Number made positive: ",x) # string and x should separate with comma </pre>	
Q.20	default parameter(s)	keyword parameter(s)
	These are the part of function definition.	These are the part of function call statement
	The name of both actual and formal parameters may be different	The name of both actual and formal parameters are be same.
	The order of parameters cannot change	The order of actual parameter can change.
	When no actual parameter passed then the default value take place of formal parameter and no error will be occurred	When no actual parameter passed then error will be occurred. Mean all parameter values are mandatory.
	The sequence of setting default parameter is from right most side to left side in continuous way.	No such order required.
	Example: <pre> def big(a,b=0): if(a>=b): print(a, " is big") else: print(b, " is big") big(10,15) big(12) </pre>	Example: <pre> def big(a,b): if(a>=b): print(a, " is big") else: print(b, " is big") big(a=10,b=15) big(b=12,a=14) </pre>

	<p>(iii) <u>WATCH NAME</u> <u>QTY STORE</u> <u>SUM (QTY SOLD)</u></p> <p>High Time 100 22</p> <p>Life Time 150 23</p> <p>Wave 200 26</p> <p>High Fashion 135 9</p>
Q.27	<pre>def COPY(): fread=open("TEXT1.TXT",'rt') fwrite=open("TEXT2.TXT",'wt') data=fread.read() words=data.split() for w in words: if(w[0] not in "AEIOU"): fwrite(w) fread.close() fwrite.close() OR ----- def countmy(): f=open("data.txt",'rt') rec=f.read() words=rec.split() count=0 for w in words: if(w=="my"): count+=1 print("No. of time my word found in file: ",count) f.close()</pre>
Q.28	<p>(a) <u>COUNT(*)</u> <u>VCODE</u></p> <p>2 VO1</p> <p>2 VO2</p> <p>(b) <u>VCODE</u> <u>CNAME</u> <u>VEHICLETYPE</u></p> <p>V02 Ravi Anish AC DELUX BUS</p> <p>V04 John Malina CAR</p> <p>(c) <u>DISTINCT VCODE</u></p> <p>V01</p> <p>V02</p> <p>V03</p> <p>V05</p> <p>V05</p>
Q.29	<pre>def count_UP_low(S): up=low=0 for ch in S: if(ch.isupper()): up+=1 elif(ch.islower()): low+=1 print("Original String: ",S) print("Upper case letter in String: ",up) print("Lower case letter in String: ",low) count_UP_low("Python ProgrammiNg")</pre>
Q.30	<pre>def PushOn(Student):</pre>

```
name=input("Enter Name of Student to push in stack: ")
Student.append(name)
```

```
def Pop(Student):
    if(len(Student)>0):
        Student.pop()
    else:
        print("Stack Underflow")
```

```
PushOn(['Ajay','Vijay'])
Pop(['Ajay','Vijay'])
```

- Q.31 a) Network type for connecting each of the following set of their offices
Head Office and Tech Office: LAN (Distance is 70 Meter in between both offices)
Head Office and Coimbatore Office: WAN (Distance is 1950 KM in between both offices)
- b) (i) Switch/Hub
c) (ii) Optical fibre (For very effective and fast communication)
- d) a Cable /Wiring layout for connecting the company's local offices located in New Delhi



an effective method /technology for connecting the company 's regional office at "Kolkata","Coimbatore and "Ahmedabad"

Answer: Satellite communication, Because the distance among offices is very much in kilometers.

- Q.32 def PushEl(element):
name=input("Enter Name of element to push in stack: ")
element.append(name)

```
def MakeEl(element):
    if(len(element)>0):
        element.pop()
    else:
        print("Stack Underflow")
```

```
PushEl(['Computer','Keyboard'])
MakeEl(['Keyboard'])
```

OR -----

```
def Push(A):
    stack=[]
    print("Original List: ",A)
    for n in A:
        if(n%2==0):
            stack.append(n)
    if(len(stack)>0):
        print(" Number in Stack: ", stack)
    else:
```

```
print("No Number found in stack")
```

```
Push([12,31,43,54,57])
```

```
Q.33 def countVowels():  
      f=open("dmyfile.txt",'rt')  
      rec=f.read()  
      count=0  
      for ch in rec:  
          if(ch in "aeiouAEIOU"):  
              count+=1  
      print("Count of vowels in file: ",count)  
      f.close()
```

```
Q.34 (i) M Company      M Name      M Price  
      Nokia          N1100      2250  
      Sony            XperiaM     7500  
      Samsung         Galaxy      4500  
      Micromax        Unite3     4500  
      Oppo            SelfieEx   8500  
  
(ii) M Id      M Company      M Name      M Price      M Mf Date  
      MB001          Samsung    Galaxy      4500          23-Jan-2004  
      MB005          Sony      XperiaM     7500          01-Jan-2004  
  
(iii) M Supplier      M Qty  
      New Vision      450  
      Classic Mobile Store 300  
      A-one-Mobiles    150  
      Mobile Centre    50  
  
(iv) M Company  
      Samsung  
      Micromax  
      Sony  
      Oppo  
  
(v) M Company      M Supplier      M Price  
      Samsung          Classic Mobile Store 4500  
      Micromax          New Vision          4500
```

```
Q.35 (a) Line-1: import csv  
(b) Line-2: 'w' or 'a'  
(c) Line-3: csv.reader()  
(d) Line-4: csvFile.close()  
(e) Line-5: Output:  
( 'Note Book', 45, 100)  
( 'Text Book', 60, 150)  
( 'Ball Pen', 10, 100)  
( 'Pencil', 5, 200)
```